Examiner-Initiated Interview Summary	Application No. 10/652,264	Applicant(s) CHEEDELLA ET AL.
	Examiner Navneet K. Ahluwalia	Art Unit 2166

All Participants:

Status of Application: *Allowed*

(1) *Brian Genco* .

(3) _____.

(2) *Navneet K. Ahluwalia*.

(4) _____.

Date of Interview: *27 September 2007*

Time: *1:45pm*

Type of Interview:
☒ Telephonic
☐ Video Conference
☐ Personal (Copy given to: ☐ Applicant   ☐ Applicant's representative)

Exhibit Shown or Demonstrated: ☐ Yes   ☒ No
If Yes, provide a brief description: .

Part I.

Rejection(s) discussed:
Potential 101 issues pertaining to the independent claims were discussed

Claims discussed:
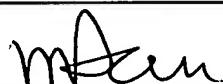*all independent claims*

Prior art documents discussed:

Part II.

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:
Potential 101 issues pertaining to the independent claims were discussed and were resolved and permission for examiner's amendment was granted.

Part III.

☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.

☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

_____
(Examiner/SPE Signature)

_____
(Applicant/Applicant's Representative Signature – if appropriate)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Rajendra P. Cheedella, et al. §	
	§	Group Art Unit: 2166
Serial No.:	10/652,264 §	
	§	Examiner: Ahluwalia, Navneet K.
Filed:	August 29, 2003 §	
	§	Confirmation No.: 1966
For:	DATA LOADING TOOL FOR LOADING §	
	A DATABASE §	

Applicants thank Examiner Navneet Ahluwalia for the telephone call on September 27, 2007. In the telephone call, Examiner Navneet Ahluwalia discussed proposed claim amendments that would appear to place the application in a condition for allowance. The following amendments follow the suggestions provided by Examiner Navneet Ahluwalia. Applicants herein authorize Examiner Navneet Ahluwalia to enter these amendments by way of an Examiner's Amendment. The changes made are shown by underlining the added text and striking through the deleted text.

<u>LISTING OF THE CLAIMS:</u>

1. (Currently Amended)   A data loading tool <u>stored on a computer readable medium</u> ~~operable on a computer system~~ for loading a target database, comprising:

an initialization component ~~operable to~~ <u>that</u> obtains a tables list that identifies tables of a source database, wherein an order in which the tables are listed in the tables list identifies a relational association of the tables in the source database;

the initialization component further ~~operable to~~ receive<u>s</u> requested test data, ~~identify~~ <u>identifies</u> a first table in the tables list, search<u>es</u> the first table by a primary key of the first table to locate, ~~identify~~ <u>identifies</u> at least one secondary key of the first table, and ~~identify~~ <u>identifies</u> a first data that is related to the requested test data by associating the at least one secondary key of the first table with the location of the requested test data in the primary key of the first table,

the initialization component further ~~operable to identify~~ <u>identifies</u> a second table in the tables list with a primary key of the second table that is the at least one secondary key of the first table, ~~identify~~ <u>identifies</u> at least one secondary key of the second table, and ~~identify~~ <u>identifies</u> second data that is related to the requested data by associating the at least one secondary key of the second table with a location of the first data in the primary key of the second table,

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the initialization component further ~~operable to~~ generates a load file that

maintains a record of tables, keys, and data identified by the initialization

component in an order that maintains a relational integrity of the source

database;

a control generator ~~operable to~~ that generates at least one control file related

to the source database;

an extractor component ~~operable to~~ that extracts data from the source

database based on the load file; and

a loader component ~~operable to~~ that loads the data extracted by the extractor

component into the target database utilizing the at least one control file,

wherein the data loaded into the target database maintains the relational

integrity of the source database.

2-3. (Canceled)

4. (Previously Presented) The data loading tool of Claim 1, wherein the control

generator generates a plurality of control files, at least one of the control files

having information related to a structure of the source database.

5. (Canceled)

6. (Previously Presented) The data loading tool of Claim 1, wherein the at least one of

the control file generated by the control generator is further defined as a data file

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with data structures that are void of data and wherein the extractor component extracts data from the database and writes the data to the data structures of the data file.

7-10. (Canceled)

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11. (Previously Presented) A method of loading a target database, comprising:

> providing an indication of data that is desired to be loaded in the target database;
>
> providing a table list identifying a plurality of tables of a source database in an order specifying a relational aspect between the plurality of tables;
>
> identifying a first table in the tables list;
>
> searching the first table by a primary key of the first table to locate a first portion of the data that is desired to be loaded in the target database;
>
> identifying a secondary key of the first table;
>
> associating the secondary key of the first table with the location of the first portion of data in the primary key of the first table to identify a second portion of data that is to be loaded in the target database;
>
> identifying a second table in the tables list that is relationally associated with the first table;
>
> identifying a secondary key of the second table;
>
> associating the secondary key of the second table with a location of the second portion of data in a primary key of the second table to identify a third portion of data that is to be loaded in the target database;
>
> generating a load file that maintains a record of tables, keys, and data that have been identified in an order that maintains a relational integrity of the source database;

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generating a control file based on the source database and a data file;

extracting data from the source database to the data file in the order specified

in the load file; and

loading the data from the data file to the target database using the control file

and the table list, wherein the data loaded to the target database

maintains the relational integrity of the source database.

12. (Previously Presented) The method of Claim 11, wherein providing the table list

further comprises:

providing a graphical user interface identifying the plurality of tables of the

database;

selecting at least one of the tables provided in the graphical user interface;

and

providing the selected at least one table in the table list, wherein the selected

at least one table in the table list is the first table.

13. (Currently Amended)   The method of Claim 11, wherein providing the indication of

data that is desired to be loaded further comprises:

provIding an input portion of a graphical user interface ~~operable to~~ that

receives input; and

inputting the indication of data that is desirably loaded in the target database

into the input portion of the graphical user interface.

14-15. (Canceled)

16. (Previously Presented) The method of Claim 11, wherein the control file is based on

at least a portion of a structure of the source database.

17. (Canceled)

18. (Previously Presented) The method of Claim 11, wherein the second key of the first

table is a primary key of the second table.

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19. (Currently Amended)   A method of testing an application using a test database, comprising:

> providing a table list identifying at least some of the tables of a source database;
>
> generating a load list including a table name related to at least one of the tables in the table list, a key name related to a primary key of the at least one table and a portion of data associated with the primary key, using the primary key and the portion of data to identify a secondary key of the at least one table and a second portion of data in the at least one table, identifying another of the tables in the table list with the secondary key as a primary key of the other table and the second portion of data associated with the primary key of the other table, using the primary key of the other table and the second portion of data to identify a secondary key of the other table and a third portion of data in the other table, wherein the load list further includes a table name of the other table in the table list, a key name related to the primary key of the other table, and the second portion of data associated with the primary key of the other table;
>
> generating at least one control file based on a structure of the source database;
>
> extracting at least some of the data from the source database to a data file

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using the load list; and

loading the at least some of the data from the data file to the test database

based on the load list and using the at least one control file;

testing the application using the test database.

20. (Previously Presented) The method of Claim 19, wherein the portion of data and the

second portion of data is further defined as associated with a data desirable for

testing via the test database

21. (Canceled)

22. (Previously Presented) The method of Claim 19, further comprising associating the

secondary key of the at least one table with the primary key of the other table

based on a relational association of the at least one table and the other table of

the source database.

23. (Previously Presented) The method tool of Claim 19, further comprising providing a

plurality of key names and searching the at least one table for one of the plurality

of key names to locate the secondary key.

24. (Canceled)

25. (Previously Presented) The data loading tool of claim 1, wherein the test data related information is one of the primary key of the first table or the data related to the primary key of the first table.

26. (Canceled)

27. (Currently Amended) The data loading tool of claim 1, wherein the initialization component [[is]] further ~~operable to identify~~ identifies a plurality of secondary keys of the first table, and for each of the plurality of secondary keys, ~~identify~~ identifies data that is related to the requested test data by associating a corresponding one of the plurality of secondary keys with the location of the requested data in the primary key of the first table.

28. (Currently Amended) The data loading tool of claim 1, wherein the initialization component [[is]] further ~~operable to identify~~ identifies a third table in the tables list relationally associated with the second table, ~~identify~~ identifies a secondary key of the third table, and ~~identify~~ identifies third data that is related to the requested test data by associating the secondary key of the third table with a location of the second data in a primary key of the third table.

29-30. (Canceled)

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31. (Previously Presented) The method of claim 16, wherein the data file initially includes data structures for the data that is desirably loaded in the target database in accordance with the structure of the source database, and wherein the data extractor populates the data structures of the data file.

32. (Previously Presented) The method of claim 11, wherein the indication of data that is desired to be loaded in the target database is the first portion of the data that is desired to be loaded in the target database.

33. (Previously Presented) The method of claim 11, wherein the indication of data that is desired to be loaded in the target database is the primary key of the first table.

34. (Previously Presented) The method of claim 19, wherein generating the load list further includes identifying a third table in the table list with the secondary key of the second table as a primary key of the third table and the third portion of data associated with the primary key of the third table, using the primary key of the third table and the third portion of data to identify a secondary key of the third table and a fourth portion of data in the third table, wherein the load list further includes a table name of the third table in the table list, a key name related to the primary key of the third table, and the third portion of data associated with the primary key of the third table.

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Conclusion

If the Examiner has any questions or comments or otherwise feels it would be helpful in expediting the application, he is encouraged to telephone the undersigned at (972) 731-2288.

The Commissioner is hereby authorized to charge payment of any further fees associated with any of the foregoing papers submitted herewith, or to credit any overpayment thereof, to Deposit Account No. 21-0765, Sprint.

                                          Respectfully submitted,

Date: September 27, 2007
                                          _____
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